Name of Work: "PACKAGE No-06 Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kitthanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of Yelahanka assembly Constituency Under Amrutha Nagarothana Grants".

Measurement Recorded On: 09/11/2270 12/11/22

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) as per the direction of Engineer in charge						
	2nd Bill						
	For RCC Drain						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS						
	CH: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	CH: 30.00m to 60.00m	1	30.00	1.10	1.00	33.00	
	CH: 60.00m to 60.70m	1	0.70	1.10	1.00	0.77	
	Gap						
	CH: 60.70m to 90.70m	1	30.00	1.10	1.00	33.00	
	CH: 90.70m to 104.80m	1	14.10	1.10	1.00	15.51	
	CD Gap						
	CH: 104.80m to 133.40m	1	28.60	1.10	1.00	31.46	
	Gap						
	CH: 133.40m to 163.40m	1	30.00	1.10	1.00	33.00	
	CH: 163.40m to 163.90m	1	0.50	1.10	1.00	0.55	
	CD Gap						
	CH: 163.90m to 193.90m	1	30.00	0.90	1.00	27.00	
	CH: 193.90m to 221.50m	1	27.60	0.90	1.00	24.84	
	Machohalli						
	Bailkonenahalli Main Road LHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.75	20.25	
	CH: 30.00m to 60.00m	1	30.00	0.90	0.75	20.25	
	CH: 60.00m to 90.00m	1	30.00	0.90	0.75	20.25	
	CH: 90.00m to 108.00m	1	18.00	0.90	0.75	12.15	
	Lead off Drain						
	CH: 0.00m to 12.80m	1	12.80	0.90	0.75	8.64	
	Udhandaiah House Road LHS						
	CH: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	CH: 30.00m to 60.00m	1	30.00	1.10	1.00	33.00	
	CH: 60.00m to 62.30m	1	2.30	1.10	1.00	2.53	
	CD Gap						
	CH: 62.30m to 92.30m	1	30.00	1.10	1.00	33.00	

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tractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Assistant Exec. Engine

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CH: 92.30m to 122.30m	1	30.00	1.10	1.00	33.00	
	CH: 122.30m to 147.40m	1	25.10	1.10	1.00	27.61	
	CD Gap						
	CH: 147.40m to 177.40m	1	30.00	1.10	1.00	33.00	
	CH: 177.40m to 207.40m	1	30.00	1.10	1.00	33.00	
	CH: 207.40m to 216.50m	1	9.10	1.10	1.00	10.01	
	CD Gap						
	CH: 216.50m to 241.20m	1	24.70	1.10	1.00	27.17	
	House Gap						
	CH: 241.20m to 264.00m	1	22.80	1.10	1.00	25.08	
	CD Gap						
	CH: 264.00m to 280.50m	1	16.50	1.10	1.00	18.15	
	Behind Shiva Temple Road RHS						
	CH: 0.00m to 30.00m	1	30.00	1.10	1.00	33.00	
	CH: 30.00m to 60.00m	1	30.00	1.10	1.00	33.00	
	CH: 60.00m to 90.00m	1	30.00	1.10	1.00	33.00	
	CH: 90.00m to 120.00m	1	30.00	1.10	1.00	33.00	
	CH: 120.00m to 150.00m	1	30.00	1.10	1.00	33.00	
	CH: 150.00m to 168.70m	1	18.70	1.10	1.00	20.57	
	Vivekananda Nagar						
	Krishnamurthy House Road LHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	1.00	27.00	
	CH: 30.00m to 50.10m	1	20.10	0.90	1.00	18.09	
	Beside MV Men Wear Road RHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	1.00	27.00	
	CH: 30.00m to 60.00m	1	30.00	0.90	1.00	27.00	
	CH: 60.00m to 65.10m	1	5.10	0.90	1.00	4.59	
	Opp to Raj Tower Control Road RHS						
	CH: 0.00m to 30.00m	1	30.00	1.50	1.50	67.50	
	CH: 30.00m to 60.00m	1	30.00	1.50	1.50	67.50	
	CH: 60.00m to 80.00m	1	20.00	1.50	1.50	45.00	
	Beside Arogya Siri RHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	1.00	27.00	
	CH: 30.00m to 60.00m	1	30.00	0.90	1.00	27.00	
	CH: 60.00m to 77.00m	1	17.00	0.90	1.00	15.30	
	Beside Arogya Siri LHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	1.00	27.00	
	CH: 30.00m to 60.00m	1	30.00	0.90	1.00	27.00	
	CH: 60.00m to 73.00m	1	13.00	0.90	1.00	11.70	
	For RCC Culvert						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS			1.20			
		1	6.10	1.50	1.00	9.15	
		1	4.20	1.20	1.00	5.04	
	Machohalli						
	Udhandaiah House Road LHS						
		1	5.30	1.20	1.00	6.36	

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	6.80	1.50	1.00	10.20	
		1	6.80	1.50	1.00	10.20	
	Bailkonenahalli Main Road RHS	1	6.20	1.50	1.00	9.30	
		1	4.90	1.50	1.00	7.35	
	Vivekananda Nagar	1	7.40	1.50	1.00	11.10	
					Present Qty	**1295.17**	**Cum**
					Qty Paid in 1st Bill	**0.00**	**Cum**
					Total Qty	**1295.17**	**Cum**
					Deduct Qty Paid in 1st Bill	**0.00**	**Cum**
					Qty to be paid in 2nd Bill	**1295.17**	**Cum**

Contractor

Consultant

12/11/22

Assistant Engineer

Assistant Exec. Engineer

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Name of Work: "PACKAGE No-06 Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kitthanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of Yelahanka assembly Constituency Under Amrutha Nagarothana Grants".

Detailed Measurements

Measurement Recorded On: 5/12/22 to 6/1/23

Item No	Discription of Item	No	Length	B1	B2	Avg. B	Depth	Qty	Unit
2	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work as per the direction of Engineer in charge								
	2nd Bill								
	Machohalli Panchayathi								
	Byandahalli								
	Opposite Sri Shanmuga Hotel								
	CH: 00.00m to 15.00m	1	15.00	5.50	5.55	5.53	0.30	24.86	
	CH: 15.00m to 30.00m	1	15.00	5.55	5.20	5.38	0.30	24.19	
	CH: 30.00m to 45.00m	1	15.00	5.20	4.70	4.95	0.30	22.28	
	CH: 45.00m to 60.00m	1	15.00	4.70	5.20	4.95	0.30	22.28	
	CH: 60.00m to 67.50m	1	7.50	5.20	3.50	4.35	0.30	9.79	
	Sri Veerbhadreshwara Swamy Prasanna Road								
	CH: 00.00m to 15.00m	1	15.00	4.70	4.70	4.70	0.30	21.15	
	CH: 15.00m to 30.00m	1	15.00	4.70	5.00	4.85	0.30	21.83	
	CH: 30.00m to 37.30m	1	7.30	5.00	5.05	5.03	0.30	11.00	
	Beside Nandi Complex								
	CH: 00.00m to 15.00m	1	15.00	5.60	5.50	5.55	0.30	24.98	
	CH: 15.00m to 30.00m	1	15.00	5.50	5.30	5.40	0.30	24.30	
	CH: 30.00m to 45.00m	1	15.00	5.30	5.45	5.38	0.30	24.19	
	CH: 45.00m to 60.00m	1	15.00	5.45	5.30	5.38	0.30	24.19	
	CH: 60.00m to 75.00m	1	15.00	5.30	5.50	5.40	0.30	24.30	
	CH: 75.00m to 90.00m	1	15.00	5.50	5.45	5.48	0.30	24.64	
	CH:90.00m to 105.00m	1	15.00	5.45	5.50	5.48	0.30	24.64	
	CH: 105.00m to 120.00m	1	15.00	5.50	5.20	5.35	0.30	24.08	
	CH:120.00m to 133.20m	1	13.20	5.20	5.10	5.15	0.30	20.39	
	Bailkonenahalli								
	Beside Berht Robotics, Mahanteshwara Layout								
	CH: 00.00m to 15.00m	1	15.00	5.10	5.20	5.15	0.30	23.18	
	CH: 15.00m to 30.00m	1	15.00	5.20	5.10	5.15	0.30	23.18	
	CH: 30.00m to 45.00m	1	15.00	5.10	4.70	4.90	0.30	22.05	
	CH: 45.00m to 60.00m	1	15.00	4.70	4.60	4.65	0.30	20.93	
	CH: 60.00m to 75.00m	1	15.00	4.60	5.10	4.85	0.30	21.83	
	CH: 75.00m to 90.00m	1	15.00	5.10	4.75	4.93	0.30	22.16	

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	B1	B2	Avg. B	Depth	Qty	Unit
	CH:90.00m to 98.70m	1	8.70	4.75	4.75	4.75	0.30	12.40	
	Gap								
	CH:98.70m to 120.00m	1	21.30	4.70	4.60	4.65	0.30	29.71	
	Perpendicular Road								
	CH:00.00m to 26.80m	1	26.80	4.85	4.60	4.73	0.30	37.99	
	Machohalli								
	Uddhandayya Layout								
	Haleooramma temple road								
	CH: 00.00m to 15.00m	1	15.00	5.20	5.25	5.23	0.30	23.51	
	CH: 15.00m to 30.00m	1	15.00	5.25	5.50	5.38	0.30	24.19	
	CH: 30.00m to 45.00m	1	15.00	5.50	5.00	5.25	0.30	23.63	
	CH: 45.00m to 60.00m	1	15.00	5.00	5.00	5.00	0.30	22.50	
	CH: 60.00m to 75.00m	1	15.00	5.00	4.90	4.95	0.30	22.28	
	CH: 75.00m to 91.80m	1	16.80	4.90	5.10	5.00	0.30	25.20	
	Sri Haripada Nilaya Road								
	CH: 00.00m to 15.00m	1	15.00	5.00	4.65	4.83	0.30	21.71	
	CH: 15.00m to 30.00m	1	15.00	4.65	4.80	4.73	0.30	21.26	
	CH: 30.00m to 45.00m	1	15.00	4.80	5.00	4.90	0.30	22.05	
	CH: 45.00m to 60.00m	1	15.00	5.00	4.72	4.86	0.30	21.87	
	CH: 60.00m to 75.00m	1	15.00	4.72	4.50	4.61	0.30	20.75	
	CH: 75.00m to 90.00m	1	15.00	4.50	4.90	4.70	0.30	21.15	
	CH:90.00m to 105.00m	1	15.00	4.90	4.85	4.88	0.30	21.94	
	CH: 105.00m to 120.00m	1	15.00	4.85	4.75	4.80	0.30	21.60	
	CH:120.00m to 135.00m	1	15.00	4.75	5.50	5.13	0.30	23.06	
	CH: 135.00m to 150.00m	1	15.00	5.50	4.60	5.05	0.30	22.73	
	CH: 150.00m to 165.00m	1	15.00	4.60	4.80	4.70	0.30	21.15	
	CH: 165.00m to 180.00m	1	15.00	4.80	4.90	4.85	0.30	21.83	
	CH: 180.00m to 187.10m	1	7.10	4.90	6.15	5.53	0.30	11.77	
	Ganavi Nilaya House Road from end								
	CH: 00.00m to 15.00m	1	15.00	4.50	4.60	4.55	0.30	20.48	
	CH: 15.00m to 30.00m	1	15.00	4.60	4.75	4.68	0.30	21.04	
	CH: 30.00m to 45.00m	1	15.00	4.75	4.50	4.63	0.30	20.81	
	CH: 45.00m to 60.00m	1	15.00	4.50	4.50	4.50	0.30	20.25	
	CH: 60.00m to 75.00m	1	15.00	4.50	4.80	4.65	0.30	20.93	
	CH: 75.00m to 90.00m	1	15.00	4.80	5.13	4.97	0.30	22.34	
	CH:90.00m to 105.00m	1	15.00	5.13	5.00	5.07	0.30	22.79	
	CH: 105.00m to 120.00m	1	15.00	5.00	4.45	4.73	0.30	21.26	
	CH:120.00m to 125.90m	1	5.90	4.45	5.80	5.13	0.30	9.07	
	Kamath Layout								
	Approach Road								
	CH:00.00m to 3.60m	1	3.60	10.00	8.30	9.15	0.30	9.88	
	Main Road								
	CH: 00.00m to 15.00m	1	15.00	6.20	5.70	5.95	0.30	26.78	
	CH: 15.00m to 30.00m	1	15.00	5.70	6.10	5.90	0.30	26.55	
	CH: 30.00m to 45.00m	1	15.00	6.10	6.60	6.35	0.30	28.58	
	CH: 45.00m to 60.00m	1	15.00	6.60	5.95	6.28	0.30	28.24	

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Assistant Exec. Engineer

Scanned by TapScanner

Item No	Discription of Item	No	Length	B1	B2	Avg. B	Depth	Qty	Unit
	CH: 60.00m to 75.00m	1	15.00	5.95	5.80	5.88	0.30	26.44	
	CH: 75.00m to 90.00m	1	15.00	5.80	5.55	5.68	0.30	25.54	
	CH:90.00m to 105.00m	1	15.00	5.55	5.50	5.53	0.30	24.86	
	CH: 105.00m to 120.00m	1	15.00	5.50	5.50	5.50	0.30	24.75	
	CH:120.00m to 135.00m	1	15.00	5.50	5.70	5.60	0.30	25.20	
	CH: 135.00m to 150.00m	1	15.00	5.70	5.75	5.73	0.30	25.76	
	CH: 150.00m to 165.00m	1	15.00	5.75	6.10	5.93	0.30	26.66	
	CH: 165.00m to 180.00m	1	15.00	6.10	5.80	5.95	0.30	26.78	
	CH: 180.00m to 195.00m	1	15.00	5.80	5.50	5.65	0.30	25.43	
	CH: 195.00m to 210.00m	1	15.00	5.50	5.43	5.47	0.30	24.59	
	CH: 210.00m to 225.00m	1	15.00	5.43	5.40	5.42	0.30	24.37	
	CH: 225.00m to 240.00	1	15.00	5.40	6.90	6.15	0.30	27.68	
	CH: 240.00 to 255.00m	1	15.00	6.90	5.60	6.25	0.30	28.13	
	CH: 255.00m to 270.00m	1	15.00	5.60	5.70	5.65	0.30	25.43	
	CH: 270.00m to 285.00m	1	15.00	5.70	5.60	5.65	0.30	25.43	
	CH: 285.00m to 300.00m	1	15.00	5.60	5.55	5.58	0.30	25.09	
	CH: 300.00m to 315.00m	1	15.00	5.55	5.95	5.75	0.30	25.88	
	CH: 315.00m to 330.00m	1	15.00	5.95	6.40	6.18	0.30	27.79	
	CH: 330.00m to 345.00m	1	15.00	5.35	5.50	5.43	0.30	24.41	
	CH: 345.00m to 360.00m	1	15.00	5.50	5.50	5.50	0.30	24.75	
	CH: 360.00m to 375.00m	1	15.00	5.50	5.40	5.45	0.30	24.53	
	CH: 375.00m to 390.00m	1	15.00	5.40	5.50	5.45	0.30	24.53	
	CH: 390.00m to 405.00m	1	15.00	5.50	5.40	5.45	0.30	24.53	
	CH: 405.00m to 420.00m	1	15.00	5.40	6.05	5.73	0.30	25.76	
	CH: 420.00m to 435.00m	1	15.00	6.05	6.00	6.03	0.30	27.11	
	CH 435.00m to 441.10m	1	6.10	6.00	8.20	7.10	0.30	12.99	
	11 th Cross Opp. Road								
	CH: 00.00m to 15.00m	1	15.00	5.30	5.00	5.15	0.30	23.18	
	CH: 15.00m to 30.00m	1	15.00	5.00	5.35	5.18	0.30	23.29	
	CH: 30.00m to 45.00m	1	15.00	5.35	5.40	5.38	0.30	24.19	
	CH: 45.00m to 60.00m	1	15.00	5.40	5.40	5.40	0.30	24.30	
	CH: 60.00m to 75.00m	1	15.00	5.40	5.40	5.40	0.30	24.30	
	CH: 75.00m to 90.00m	1	15.00	5.40	5.50	5.45	0.30	24.53	
	CH:90.00m to 105.00m	1	15.00	5.50	5.50	5.50	0.30	24.75	
	CH: 105.00m to 120.00m	1	15.00	5.50	5.40	5.45	0.30	24.53	
	CH:120.00m to 135.00m	1	15.00	5.40	5.50	5.45	0.30	24.53	
	CH: 135.00m to 150.00m	1	15.00	5.50	5.38	5.44	0.30	24.48	
	CH: 150.00m to 165.00m	1	15.00	5.38	5.50	5.44	0.30	24.48	
	CH: 165.00m to 180.00m	1	15.00	5.50	5.60	5.55	0.30	24.98	
	CH: 180.00m to 195.00m	1	15.00	5.60	5.50	5.55	0.30	24.98	
	CH: 195.00m to 210.00m	1	15.00	5.50	5.20	5.35	0.30	24.08	
	CH: 210.00m to 225.00m	1	15.00	5.20	5.50	5.35	0.30	24.08	
	CH: 225.00m to 240.00m	1	15.00	5.50	5.60	5.55	0.30	24.98	
	CH: 240.00m to 255.00m	1	15.00	5.60	5.45	5.53	0.30	24.86	
	CH: 255.00m to 270.00m	1	15.00	5.45	5.45	5.45	0.30	24.53	
	CH: 270.00m to 285.00m	1	15.00	5.45	5.50	5.48	0.30	24.64	
	CH: 285.00m to 300.00m	1	15.00	5.50	5.60	5.55	0.30	24.98	

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24/12.61

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	B1	B2	Avg. B	Depth	Qty	Unit
	CH: 300.00m to 315.00m	1	15.00	5.60	5.45	5.53	0.30	24.86	
	CH: 315.00m to 330.00m	1	15.00	5.45	5.45	5.45	0.30	24.53	
	CH: 330.00m to 345.00m	1	15.00	5.45	5.50	5.48	0.30	24.64	
	CH: 345.00m to 360.00m	1	15.00	5.50	5.45	5.48	0.30	24.64	
	CH: 360.00m to 375.00m	1	15.00	5.45	6.00	5.73	0.30	25.76	
	CH: 375.00m to 379.60m	1	4.60	6.00	7.30	6.65	0.30	9.18	
	Smart School Backgate Road								
	CH: 00.00m to 15.00m	1	15.00	6.25	5.30	5.78	0.30	25.99	
	CH: 15.00m to 30.00m	1	15.00	5.30	5.30	5.30	0.30	23.85	
	CH: 30.00m to 45.00m	1	15.00	5.30	5.35	5.33	0.30	23.96	
	CH: 45.00m to 60.00m	1	15.00	5.35	5.20	5.28	0.30	23.74	
	CH: 60.00m to 75.00m	1	15.00	5.20	5.24	5.22	0.30	23.49	
	CH: 75.00m to 90.00m	1	15.00	5.24	5.30	5.27	0.30	23.72	
	CH:90.00m to 105.00m	1	15.00	5.30	5.26	5.28	0.30	23.76	
	CH: 105.00m to 115.00m	1	10.00	5.26	6.10	5.68	0.30	17.04	
	Mookambika Layout								
	Jagadish House Road								
	CH: 00.00m to 15.00m	1	15.00	5.10	4.65	4.88	0.30	21.94	
	CH: 15.00m to 30.00m	1	15.00	4.65	4.60	4.63	0.30	20.81	
	CH: 30.00m to 48.80m	1	18.80	4.60	4.55	4.58	0.30	25.80	
	Opp. Chethan hairstyle Road								
	CH: 00.00m to 15.00m	1	15.00	5.60	4.90	5.25	0.30	23.63	
	CH: 15.00m to 26.30m	1	11.30	4.90	4.90	4.90	0.30	16.61	
	Lakshman house Road								
	CH: 00.00m to 15.00m	1	15.00	5.05	4.70	4.88	0.30	21.94	
	CH: 15.00m to 30.00m	1	15.00	4.70	5.30	5.00	0.30	22.50	
	CH: 30.00m to 45.00m	1	15.00	5.30	4.70	5.00	0.30	22.50	
	CH: 45.00m to 47.40m	1	2.40	4.70	4.70	4.70	0.30	3.38	
	Nesara Screen Printing Road								
	CH: 00.00m to 15.00m	1	15.00	5.10	4.60	4.85	0.30	21.83	
	CH: 15.00m to 28.90m	1	13.90	4.60	4.50	4.55	0.30	18.97	
	Prakash House Road								
	CH: 00.00m to 15.00m	1	15.00	5.20	5.30	5.25	0.30	23.63	
	CH: 15.00m to 30.00m	1	15.00	5.30	5.40	5.35	0.30	24.08	
	CH: 30.00m to 47.00m	1	17.00	5.40	5.20	5.30	0.30	27.03	
	Manasa Gopika House Road								
	CH: 00.00m to 15.00m	1	15.00	5.30	5.00	5.15	0.30	23.18	
	CH: 15.00m to 30.00m	1	15.00	5.00	4.90	4.95	0.30	22.28	
	CH: 30.00m to 48.00m	1	18.00	4.90	4.90	4.90	0.30	26.46	
	Nanjappa House Road								
	CH: 00.00m to 15.00m	1	15.00	5.28	5.20	5.24	0.30	23.58	
	CH: 15.00m to 30.00m	1	15.00	5.20	5.20	5.20	0.30	23.40	
	CH: 30.00m to 34.10m	1	4.10	5.20	5.80	5.50	0.30	6.77	
	Doddanna Layout RSB Sabha Bhavan Road								
	CH: 00.00m to 15.00m	1	15.00	7.80	7.80	7.80	0.30	35.10	
	CH: 15.00m to 30.00m	1	15.00	7.80	7.70	7.75	0.30	34.88	

Contractor

CONSULTING ENGINEERS Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	B1	B2	Avg. B	Depth	Qty	Unit
	CH: 30.00m to 45.00m	1	15.00	7.70	7.90	7.80	0.30	35.10	
	CH: 45.00m to 60.00m	1	15.00	7.90	7.30	7.60	0.30	34.20	
	CH: 60.00m to 75.00m	1	15.00	7.30	7.30	7.30	0.30	32.85	
	CH: 75.00m to 90.00m	1	15.00	7.30	7.30	7.30	0.30	32.85	
	CH: 90.00m to 105.00m	1	15.00	7.30	7.50	7.40	0.30	33.30	
	CH: 105.00m to 113.00m	1	8.00	7.50	9.20	8.35	0.30	20.04	
	CH: 113.00m to 128.00m	1	15.00	9.20	9.10	9.15	0.30	41.18	
	CH: 128.00m to 143.00m	1	15.00	9.10	8.30	8.70	0.30	39.15	
	CH: 143.00m to 158.00m	1	15.00	8.30	7.20	7.75	0.30	34.88	
	CH: 158.00m to 173.00m	1	15.00	7.20	7.15	7.18	0.30	32.29	
	CH: 173.00m to 181.00m	1	8.00	7.15	7.60	7.38	0.30	17.70	
	Vadrahalli Village								
	Beside Nethravathi Real Estate Road								
	CH: 00.00m to 15.00m	1	15.00	5.40	5.00	5.20	0.30	23.40	
	CH: 15.00m to 30.00m	1	15.00	5.00	5.00	5.00	0.30	22.50	
	CH: 30.00m to 43.80m	1	13.80	5.00	5.00	5.00	0.30	20.70	
	CH: 43.80m to 62.50m	1	18.70	5.20	5.50	5.35	0.30	30.01	
	CH: 62.50m to 77.50m	1	15.00	5.30	5.30	5.30	0.30	23.85	
	CH: 77.50m to 92.50m	1	15.00	5.30	5.00	5.15	0.30	23.18	
	CH: 92.50m to 103.80m	1	11.30	5.00	5.20	5.10	0.30	17.29	
	Sidhappa House Road								
	CH: 00.00m to 15.00m	1	15.00	5.50	5.76	5.63	0.30	25.34	
	CH: 15.00m to 30.00m	1	15.00	5.76	5.30	5.53	0.30	24.89	
	CH: 30.00m to 45.00m	1	15.00	5.30	4.50	4.90	0.30	22.05	
	CH: 45.00m to 51.00m	1	6.00	4.50	5.10	4.80	0.30	8.64	
	Murthy House Road								
	CH: 00.00m to 10.30m	1	10.30	10.00	10.00	10.00	0.30	30.90	
	CH: 10.30m to 25.30m	1	15.00	6.10	6.18	6.14	0.30	27.63	
	CH: 25.30m to 40.30m	1	15.00	6.18	6.00	6.09	0.30	27.41	
	CH: 40.30m to 55.30m	1	15.00	6.00	6.30	6.15	0.30	27.68	
	CH: 55.30m to 70.30m	1	15.00	6.30	6.15	6.23	0.30	28.01	
	CH: 70.30m to 85.30m	1	15.00	6.15	6.50	6.33	0.30	28.46	
	CH: 85.30m to 94.80m	1	9.50	6.50	6.35	6.43	0.30	18.31	
							Present Qty	**4035.78**	**Cum**
							Qty Paid in 1st Bill	**5425.94**	**Cum**
							Total Qty	**9461.72**	**Cum**
							Deduct Qty Paid in 1st Bill	**5425.94**	**Cum**
							Qty to be paid in 2nd Bill	**4035.78**	**Cum**

Contractor

Consultant

06/01/23

Assistant Engineer

Assistant Exec. Engineer

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Name of Work: "PACKAGE No-06 Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kitthanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of Yelahanka assembly Constituency Under Amrutha Nagarothana Grants".

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
3	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km as per the direction of Engineer in charge						
	2nd Bill					1657.82	
	Qty From Item No-1	1	1295.17	1.28		5165.80	
	Qty From Item No-2	1	4035.78	1.28			
					Present Qty	**6823.62**	**t.km**
					Qty Paid in 1st Bill	**6945.20**	**t.km**
					Total Qty	**13768.82**	**t.km**
					Deduct Qty Paid in 1st Bill	**6945.20**	**t.km**
					Qty to be paid in 2nd Bill	**6823.62**	**t.km**

Contractor

Consultant

Assistant Engineer

06/01/21

Assistant Exec. Engineer

Scanned by TapScanner

Name of Work: "PACKAGE No-06 Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kitthanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of Yelahanka assembly Constituency Under Amrutha Nagarothana Grants".

Detailed Measurements

Measurement Recorded On: 12|11|22 to 17|11|22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates as per the direction of Engineer in charge						
	2nd Bill						
	For RCC Drain						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS						
	CH: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	CH: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	CH: 60.00m to 60.70m	1	0.70	1.10	0.15	0.12	
	Gap						
	CH: 60.70m to 90.70m	1	30.00	1.10	0.15	4.95	
	CH: 90.70m to 104.80m	1	14.10	1.10	0.15	2.33	
	CD Gap						
	CH: 104.80m to 133.40m	1	28.60	1.10	0.15	4.72	
	Gap						
	CH: 133.40m to 163.40m	1	30.00	1.10	0.15	4.95	
	CH: 163.40m to 163.90m	1	0.50	1.10	0.15	0.08	
	CD Gap						
	CH: 163.90m to 193.90m	1	30.00	0.90	0.15	4.05	
	CH: 193.90m to 221.50m	1	27.60	0.90	0.15	3.73	
	Machohalli						
	Bailkonenahalli Main Road LHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	CH: 60.00m to 90.00m	1	30.00	0.90	0.15	4.05	
	CH: 90.00m to 108.00m	1	18.00	0.90	0.15	2.43	
	Lead off Drain						
	CH: 0.00m to 12.80m	1	12.80	0.90	0.15	1.73	
	Udhandaiah House Road LHS						
	CH: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	CH: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	CH: 60.00m to 62.30m	1	2.30	1.10	0.15	0.38	
	CD Gap						
	CH: 62.30m to 92.30m	1	30.00	1.10	0.15	4.95	
	CH: 92.30m to 122.30m	1	30.00	1.10	0.15	4.95	

C&FC

Assistant Executive Engineer
Bangalore-560 009

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CH: 122.30m to 147.40m	1	25.10	1.10	0.15	4.14	
	CD Gap						
	CH: 147.40m to 177.40m	1	30.00	1.10	0.15	4.95	
	CH: 177.40m to 207.40m	1	30.00	1.10	0.15	4.95	
	CH: 207.40m to 216.50m	1	9.10	1.10	0.15	1.50	
	CD Gap						
	CH: 216.50m to 241.20m	1	24.70	1.10	0.15	4.08	
	House Gap						
	CH: 241.20m to 264.00m	1	22.80	1.10	0.15	3.76	
	CD Gap						
	CH: 264.00m to 280.50m	1	16.50	1.10	0.15	2.72	
	Behind Shiva Temple Road RHS						
	CH: 0.00m to 30.00m	1	30.00	1.10	0.15	4.95	
	CH: 30.00m to 60.00m	1	30.00	1.10	0.15	4.95	
	CH: 60.00m to 90.00m	1	30.00	1.10	0.15	4.95	
	CH: 90.00m to 120.00m	1	30.00	1.10	0.15	4.95	
	CH: 120.00m to 150.00m	1	30.00	1.10	0.15	4.95	
	CH: 150.00m to 168.70m	1	18.70	1.10	0.15	3.09	
	Vivekananda Nagar						
	Krishnamurthy House Road LHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH: 30.00m to 50.10m	1	20.10	0.90	0.15	2.71	
	Beside MV Men Wear Road RHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	CH: 60.00m to 65.10m	1	5.10	0.90	0.15	0.69	
	Opp to Raj Tower Control Road RHS						
	CH: 0.00m to 30.00m	1	30.00	1.50	0.15	6.75	
	CH: 30.00m to 60.00m	1	30.00	1.50	0.15	6.75	
	CH: 60.00m to 80.00m	1	20.00	1.50	0.15	4.50	
	Beside Arogya Siri RHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	CH: 60.00m to 77.00m	1	17.00	0.90	0.15	2.30	
	Beside Arogya Siri LHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	CH: 60.00m to 73.00m	1	13.00	0.90	0.15	1.76	
	For RCC Culvert						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS						
		1	6.10	1.50	0.15	1.37	
		1	4.20	1.20	0.15	0.76	
	Machohalli						
	Udhandaiah House Road LHS						
		1	5.30	1.20	0.15	0.95	

182.13

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	6.80	1.50	0.15	1.53	
		1	6.80	1.50	0.15	1.53	
		1	6.20	1.50	0.15	1.40	
	Bailkonenahalli Main Road RHS						
		1	4.90	1.50	0.15	1.10	
	Vivekananda Nagar						
		1	7.40	1.50	0.15	1.67	
					Present Qty	**189.35**	**Cum**
					Qty Paid in 1st Bill	**0.00**	**Cum**
					Total Qty	**189.35**	**Cum**
					Deduct Qty Paid in 1st Bill	**0.00**	**Cum**
					Qty to be paid in 2nd Bill	**189.35**	**Cum**

Contractor

Consultant

17/11/22.

Assistant Engineer

Assistant Exec. Engineer

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Name of Work: "PACKAGE No-06 Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kitthanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of Yelahanka assembly Constituency Under Amrutha Nagarothana Grants".

Detailed Measurements

Measurement Recorded On: 25/11/22 to 23/12/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates as per the direction of Engineer in charge						
	2nd Bill						
	For RCC Drain Raft						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	CH: 60.00m to 60.70m	1	0.70	0.90	0.15	0.09	
	Gap						
	CH: 60.70m to 90.70m	1	30.00	0.90	0.15	4.05	
	CH: 90.70m to 104.80m	1	14.10	0.90	0.15	1.90	
	CD Gap						
	CH: 104.80m to 133.40m	1	28.60	0.90	0.15	3.86	
	Gap						
	CH: 133.40m to 163.40m	1	30.00	0.90	0.15	4.05	
	CH: 163.40m to 163.90m	1	0.50	0.90	0.15	0.07	
	CD Gap						
	CH: 163.90m to 193.90m	1	30.00	0.75	0.15	3.38	
	CH: 193.90m to 221.50m	1	27.60	0.75	0.15	3.11	
	Machohalli						
	Bailkonenahalli Main Road LHS						
	CH: 0.00m to 30.00m	1	30.00	0.75	0.15	3.38	
	CH: 30.00m to 60.00m	1	30.00	0.75	0.15	3.38	
	CH: 60.00m to 90.00m	1	30.00	0.75	0.15	3.38	
	CH: 90.00m to 108.00m	1	18.00	0.75	0.15	2.03	
	Lead off Drain						
	CH: 0.00m to 12.80m	1	12.80	0.75	0.15	1.44	
	Udhandaiah House Road LHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	CH: 60.00m to 62.30m	1	2.30	0.90	0.15	0.31	
	CD Gap						

50.61

Contractor

SILICON CONSULTING ENGINEERS — Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CH: 62.30m to 92.30m	1	30.00	0.90	0.15	4.05	
	CH: 92.30m to 122.30m	1	30.00	0.90	0.15	4.05	
	CH: 122.30m to 147.40m	1	25.10	0.90	0.15	3.39	
	CD Gap						
	CH: 147.40m to 177.40m	1	30.00	0.90	0.15	4.05	
	CH: 177.40m to 207.40m	1	30.00	0.90	0.15	4.05	
	CH: 207.40m to 216.50m	1	9.10	0.90	0.15	1.23	
	CD Gap						
	CH: 216.50m to 241.20m	1	24.70	0.90	0.15	3.33	
	House Gap						
	CH: 241.20m to 264.00m	1	22.80	0.90	0.15	3.08	
	CD Gap						
	CH: 264.00m to 280.50m	1	16.50	0.90	0.15	2.23	
	Behind Shiva Temple Road RHS						
	CH: 0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH: 30.00m to 60.00m	1	30.00	0.90	0.15	4.05	
	CH: 60.00m to 90.00m	1	30.00	0.90	0.15	4.05	
	CH: 90.00m to 120.00m	1	30.00	0.90	0.15	4.05	
	CH: 120.00m to 150.00m	1	30.00	0.90	0.15	4.05	
	CH: 150.00m to 168.70m	1	18.70	0.90	0.15	2.52	
	Vivekananda Nagar						
	Krishnamurthy House Road LHS						
	CH: 0.00m to 30.00m	1	30.00	0.75	0.15	3.38	
	CH: 30.00m to 50.10m	1	20.10	0.75	0.15	2.26	
	Beside MV Men Wear Road RHS						
	CH: 0.00m to 30.00m	1	30.00	0.75	0.15	3.38	
	CH: 30.00m to 60.00m	1	30.00	0.75	0.15	3.38	
	CH: 60.00m to 65.10m	1	5.10	0.75	0.15	0.57	
	Opp to Raj Tower Control Road RHS						
	CH: 0.00m to 30.00m	1	30.00	1.20	0.15	5.40	
	CH: 30.00m to 60.00m	1	30.00	1.20	0.15	5.40	
	CH: 60.00m to 80.00m	1	20.00	1.20	0.15	3.60	
	Beside Arogya Siri RHS						
	CH: 0.00m to 30.00m	1	30.00	0.75	0.15	3.38	
	CH: 30.00m to 60.00m	1	30.00	0.75	0.15	3.38	
	CH: 60.00m to 77.00m	1	17.00	0.75	0.15	1.91	
	Beside Arogya Siri LHS						
	CH: 0.00m to 30.00m	1	30.00	0.75	0.15	3.38	
	CH: 30.00m to 60.00m	1	30.00	0.75	0.15	3.38	
	CH: 60.00m to 73.00m	1	13.00	0.75	0.15	1.46	
	For RCC Drain Wall						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS						
	CH: 0.00m to 30.00m	2	30.00	0.15	0.60	5.40	
	CH: 30.00m to 60.00m	2	30.00	0.15	0.60	5.40	
	CH: 60.00m to 60.70m	2	0.70	0.15	0.60	0.13	
	Gap						

Contractor

SILICON CONSULTING ENGINEERS

Consultant

Assistant Engineer

Assistant Exec. Engineer

Scanned by TapScanner

Item No	Discription of Item	No	Length	Breadth	Depth		Unit
	CH: 60.70m to 90.70m	2	30.00	0.15	0.60	5.40	
	CH: 90.70m to 104.80m	2	14.10	0.15	0.60	2.54	
	CD Gap						
	CH: 104.80m to 133.40m	2	28.60	0.15	0.60	5.15	
	Gap						
	CH: 133.40m to 163.40m	2	30.00	0.15	0.60	5.40	
	CH: 163.40m to 163.90m	2	0.50	0.15	0.60	0.09	
	CD Gap						
	CH: 163.90m to 193.90m	2	30.00	0.15	0.60	5.40	
	CH: 193.90m to 221.50m	2	27.60	0.15	0.60	4.97	
	Machohalli						
	Bailkonenahalli Main Road LHS						
	CH: 0.00m to 30.00m	2	30.00	0.15	0.60	5.40	
	CH: 30.00m to 60.00m	2	30.00	0.15	0.60	5.40	
	CH: 60.00m to 90.00m	2	30.00	0.15	0.60	5.40	
	CH: 90.00m to 108.00m	2	18.00	0.15	0.60	3.24	
	Lead off Drain						
	CH: 0.00m to 12.80m	2	12.80	0.15	0.60	2.30	
	Udhandaiah House Road LHS						
	CH: 0.00m to 30.00m	2	30.00	0.15	0.60	5.40	
	CH: 30.00m to 60.00m	2	30.00	0.15	0.60	5.40	
	CH: 60.00m to 62.30m	2	2.30	0.15	0.60	0.41	
	CD Gap						
	CH: 62.30m to 92.30m	2	30.00	0.15	0.60	5.40	
	CH: 92.30m to 122.30m	2	30.00	0.15	0.60	5.40	
	CH: 122.30m to 147.40m	2	25.10	0.15	0.60	4.52	
	CD Gap						
	CH: 147.40m to 177.40m	2	30.00	0.15	0.60	5.40	
	CH: 177.40m to 207.40m	2	30.00	0.15	0.60	5.40	
	CH: 207.40m to 216.50m	2	9.10	0.15	0.60	1.64	
	CD Gap						
	CH: 216.50m to 241.20m	2	24.70	0.15	0.60	4.45	
	House Gap						
	CH: 241.20m to 264.00m	2	22.80	0.15	0.60	4.10	
	CD Gap						
	CH: 264.00m to 280.50m	2	16.50	0.15	0.60	2.97	
	Behind Shiva Temple Road RHS						
	CH: 0.00m to 30.00m	2	30.00	0.15	0.60	5.40	
	CH: 30.00m to 60.00m	2	30.00	0.15	0.60	5.40	
	CH: 60.00m to 90.00m	2	30.00	0.15	0.60	5.40	
	CH: 90.00m to 120.00m	2	30.00	0.15	0.60	5.40	
	CH: 120.00m to 150.00m	2	30.00	0.15	0.60	5.40	
	CH: 150.00m to 168.70m	2	18.70	0.15	0.60	3.37	
	Vivekananda Nagar						
	Krishnamurthy House Road LHS						
	CH: 0.00m to 30.00m	2	30.00	0.15	0.65	5.85	
	CH: 30.00m to 50.10m	2	20.10	0.15	0.65	3.92	
	Beside MV Men Wear Road RHS						

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Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	CH: 0.00m to 30.00m	2	30.00	0.15	0.65	5.85	
	CH: 30.00m to 60.00m	2	30.00	0.15	0.60	5.40	
	CH: 60.00m to 65.10m	2	5.10	0.15	0.55	0.84	
	Opp to Raj Tower Control Road RHS						
	CH: 0.00m to 30.00m	2	30.00	0.15	1.20	10.80	
	CH: 30.00m to 54.00m	2	24.00	0.15	1.20	8.64	
	CH: 54.00m to 80.00m	2	26.00	0.15	0.90	7.02	
	Beside Arogya Siri RHS						
	CH: 0.00m to 30.00m	2	30.00	0.15	0.60	5.40	
	CH: 30.00m to 60.00m	2	30.00	0.15	0.60	5.40	
	CH: 60.00m to 77.00m	2	17.00	0.15	0.60	3.06	
	Beside Arogya Siri LHS						
	CH: 0.00m to 30.00m	2	30.00	0.15	0.60	5.40	
	CH: 30.00m to 60.00m	2	30.00	0.15	0.60	5.40	
	CH: 60.00m to 73.00m	2	13.00	0.15	0.60	2.34	
	For RCC Culvert Raft						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS						
		1	6.10	1.20	0.20	1.46	
		1	4.20	0.90	0.20	0.76	
	Machohalli						
	Udhandaiah House Road LHS						
		1	5.30	0.90	0.20	0.95	
		1	6.80	1.20	0.20	1.63	
		1	6.80	1.20	0.20	1.63	
		1	6.20	1.20	0.20	1.49	
	Bailkonenahalli Main Road RHS						
		1	4.90	1.20	0.20	1.18	
	Vivekananda Nagar						
		1	7.40	1.20	0.20	1.78	
	For RCC Culvert Wall						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS						
		2	6.10	0.23	0.45	1.26	
		2	4.20	0.23	0.45	0.87	
	Machohalli						
	Udhandaiah House Road LHS						
		2	5.30	0.23	0.45	1.10	
		2	6.80	0.23	0.45	1.41	
		2	6.80	0.23	0.45	1.41	
		2	6.20	0.23	0.45	1.28	
	Bailkonenahalli Main Road RHS						
		2	4.90	0.23	0.45	1.01	
	Vivekananda Nagar						
		2	7.40	0.23	0.78	2.66	
	Deck Slab						
	Vivekananda Nagar						

Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	7.40	1.15	0.20	1.70	Cum
					Present Qty	**388.44**	**Cum**
					Qty Paid in 1st Bill	**0.00**	**Cum**
					Total Qty	**388.44**	**Cum**
					Deduct Qty Paid in 1st Bill	**0.00**	**Cum**
					Qty to be paid in 2nd Bill	**388.44**	**Cum**

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engineer

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Name of Work: "PACKAGE No-06 Developments of roads and drains at Machohalli, Kadabagere, Gollarahatti (Kitthanahalli), Singanayakanahalli Grama Panchayathi limits and surrounding areas of Yelahanka assembly Constituency Under Amrutha Nagarothana Grants".

Detailed Measurements

Measurement Recorded On: 18/11/22 to 20/12/22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.as per the direction of Engineer in charge						
	2nd Bill						
	For RCC Drain						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS						
	Total Drain Length=221.50m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=2013	2013	2.00		0.61	2455.86	
	No of distrubution Bars=12	12	221.50		0.61	1621.38	
	Machohalli						
	Bailkonenahalli Main Road LHS						
	Total Drain Length=120.80m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @170mm c/c						
	d=0.61kg/m						
	No of Main Bars=1098	1098	1.95		0.61	1306.07	
	No of distrubution Bars=10	10	120.80		0.61	736.88	
	Udhandaiah House Road LHS						
	Total Drain Length=280.50m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=2550	2550	2.05		0.61	3188.78	
	No of distrubution Bars=12	12	280.50		0.61	2053.26	
	Behind Shiva Temple Road RHS						
	Total Drain Length=168.70m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=1533	1533	2.05		0.61	1917.02	
	No of distrubution Bars=12	12	168.70		0.61	1234.88	
	Vivekananda Nagar						

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Contractor

SILICON CONSULTING ENGINEERS
Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Krishnamurthy House Road LHS						
	Total Drain Length=50.10m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=455	455	1.95		0.61	541.22	
	No of distrubution Bars=10	10	50.10		0.61	305.61	
	Beside MV Men Wear Road RHS						
	Total Drain Length=65.10m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=592	592	1.95		0.61	704.18	
	No of distrubution Bars=10	10	65.10		0.61	397.11	
	Opp to Raj Tower Control Road RHS						
	Total Drain Length=80.00m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=727	727	3.60		0.61	1596.49	
	No of distrubution Bars=20	20	80.00		0.61	976.00	
	Beside Arogya Siri RHS						
	Total Drain Length=77.00m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=700	700	1.95		0.61	832.65	
	No of distrubution Bars=10	10	77.00		0.61	469.70	
	Beside Arogya Siri LHS						
	Total Drain Length=73.00m						
	Main Bar 10mm dia @110mm c/c						
	d=0.61kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=633	633	1.95		0.61	752.95	
	No of distrubution Bars=10	10	73.00		0.61	445.30	
	For RCC Culvert						
	Byandahalli Colony						
	From Laxmivenkateshwara House Road LHS						
	Total Culvert Length=10.30m						
	Main Bar 12mm dia @120mm c/c						
	d=0.89kg/m						

Contractor

SILICONE ENGINEERS

Consultant

Assistant Engineer

Assistant Exec. Engineer

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=86*2=172	172	2.00		0.89	306.16	
	No of distrubution Bars=12*2=24	24	10.30		0.61	150.79	
	Machohalli						
	Udhandaiah House Road LHS						
	Total Culvert Length=55.50m						
	Main Bar 12mm dia @120mm c/c						
	d=0.89kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=209*2=418	418	2.00		0.89	744.04	
	No of distrubution Bars=12*2=24	24	25.10		0.61	367.46	
	Bailkonenahalli Main Road RHS						
	Total Culvert Length=4.90m						
	Main Bar 12mm dia @120mm c/c						
	d=0.89kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=41*2=82	82	1.90		0.89	138.66	
	No of distrubution Bars=10*2=20	20	4.90		0.61	59.78	
	Vivekananda Nagar						
	Total Culvert Length=7.40m						
	Main Bar 12mm dia @120mm c/c						
	d=0.89kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=62*2=124	124	2.60		0.89	286.94	
	No of distrubution Bars=14*2=28	28	7.40		0.61	126.39	
	Vivekananda Nagar						
	Total Deck Length=7.40m						
	Main Bar 12mm dia @120mm c/c						
	d=0.89kg/m						
	Distrubution Bar 10mm dia @180mm c/c						
	d=0.61kg/m						
	No of Main Bars=61*2=122	122	1.15		0.89	124.87	
	No of distrubution Bars=11*2=22	22	7.40		0.61	99.31	
						23939.75	**Kgs**
					Present Qty	**23.94**	**Ton**
					Qty Paid in 1st Bill	**0.00**	**Ton**
					Total Qty	**23.94**	**Ton**
					Deduct Qty Paid in 1st Bill	**0.00**	**Ton**
					Qty to be paid in 2nd Bill	**23.94**	**Ton**

Contractor

Consultant

Assistant Engineer

Assistant Exec. Engine

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